shall be made clearly, conspicuously, and more prominently than any other representations or disclosures permitted under this part:

(1) The manufacturer's rated power band or power frequency response, in Hertz (Hz), for the rated power output required to be disclosed in paragraph (a) of this section; and

(2) The manufacturer's rated percentage of maximum total harmonic distortion at any power level from 250 mW to the rated power output, and its corresponding rated power band or power frequency response.

[65 FR 81239, Dec. 22, 2000]

§ 432.3 Standard test conditions.

For purposes of performing the tests necessary to make the disclosures required under § 432.2 of this part:

(a) The power line voltage shall be 120 volts AC (230 volts when the equipment is made for foreign sale or use, unless a different nameplate rating is permanently affixed to the product by the manufacturer in which event the latter figure would control), RMS, using a sinusoidal wave containing less than 2 percent total harmonic content. In the case of equipment designed for battery operation only, tests shall be made with the battery power supply for which the particular equipment is designed and such test voltage must be disclosed under the required disclosures of § 432.2 of this part. If capable of both AC and DC battery operation, testing shall be with AC line operation;

(b) The AC power line frequency for domestic equipment shall be 60 Hz and 50 Hz for equipment made for foreign sale or use;

(c) The amplifier shall be preconditioned by simultaneously operating all channels at one-eighth of rated power output for one hour using a sinusoidal wave at a frequency of 1,000 Hz; *provided, however*, that for amplifiers utilized as a component in a self-powered subwoofer system, the sinusoidal wave used as a preconditioning signal may be any frequency within the amplifier's intended operating bandwidth that will allow the amplifier to be driven to one-eighth of rated power for one hour;

(d) The preconditioning and testing shall be in still air and an ambient temperature of at least 77 °F (25 °C);

(e) Rated power shall be obtainable at all frequencies within the rated power band without exceeding the rated maximum percentage of total harmonic distortion after input signals at said frequencies have been continuously applied at full rated power for not less than five (5) minutes at the amplifier's auxiliary input, or if not provided, at the phono input.

(f) At all times during warm-up and testing, tone loudness-contour and other controls shall be preset for the flattest response.

[39 FR 15387, May 3, 1974, as amended at 65 FR 81240, Dec. 22, 2000]

§ 432.4 Optional disclosures.

Other operating characteristics and technical specifications not required in § 432.2 of this part may be disclosed: *Provided:*

(a) That any other power output is rated by the manufacturer, is expressed in minimum watts per channel, and such power output representation(s) complies with the provisions of § 432.2 of this part; except that if a peak or other instantaneous power rating, such as music power or peak power, is represented under this section, the maximum percentage of total harmonic distortion (see § 432.2(d) of this part) may be disclosed only at such rated output: *And provided further*,

(b) That all disclosures or representations made under this section are less conspicuously, and prominently made than the disclosures required in § 432.2 of this part; and

(c) The rating and testing methods or standards used in determining such representations are disclosed, and well known and generally recognized by the industry at the time the representations or disclosures are made, are neither intended nor likely to deceive or confuse the consumers and are not otherwise likely to frustrate the purpose of this part.

NOTE 1: For the purpose of paragraph (b) of this section, optional disclosures will not be considered less prominent if they are either bold faced or are more than two-thirds the height of the disclosures required by § 432.2.